

# Harrison Lane

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**Contact**

- Keith Martin,
  - James Irre, PWS, McCarthy & Associates, Inc.
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**Location**

Headwater tributary to Barnyard Run

Supervisor District: Lee  
Watershed: Dogue Creek  
Tax Map: 92-2, 92-4

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**Concern**

Disagreement with original 1993 RPA designation of the stream.

In April of 2003, Keith Martin questioned the designation of a stream parallel to Harrison Lane and located on tax map 92-2, in the Dogue Creek watershed. The stream in question is a solid blue line in the USGS 7.5 quadrangle map, and therefore had been protected since 1993. On their own, Mr. Martin and Mr. Irre surveyed the reach using the Fairfax County Stream Classification Protocol and determined the stream to be non-perennial.

During the November 6, 2003 Planning Commission meeting, Mr. Martin contested the RPA in that there was no original RPA on the map, and a new RPA to be adopted by the Board of Supervisors on November 17, 2003 would require for the new development to file an RPA exception in order to construct the road. On November 17, 2003, Keith Martin spoke at the Board of Supervisor meeting, again questioning the validity of the RPA on the stream. He argued that the stream is on top of a ridge and all the water flows down to Harrison Lane and this is not a characteristic of a RPA.

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**County's Initial Designation**

Perennial. Stream is also a solid blue line on the USGS 7.5 quadrangle map and, therefore, was included on the original 1993 CBPA maps.

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**Explanation**

To address the concern of both Mr. Martin and Mr. Irre, two ecologists (Shannon Curtis and Danielle Derwin) assessed the stream on April 21, 2003. It was determined that the stream was perennial upstream of the area in question, with a score of 39.0 points. The reach received 9.5 points for hydrology, 19.0 points for geomorphology, 3.0 points for soils, 3.5 points for vegetation, and 4.0 points for biology. Isopods, *Hydropsychidae*, and salamanders were found along the reach. It was also noted that the area scored by Mr. Martin and Mr. Irre was too short a reach of stream, which is not consistent with the procedure recommended to those who use the Fairfax County Stream Classification protocol.

In August of 2003, Williamsburg Environmental Group, Inc., consultants to the county, visited the area during the Fairfax County perennial stream project. Their findings were consistent with both the County's and the original USGS determinations.

On December 1, 2003, Ecologists Gayle England and Danielle Derwin, as well as Chris Lamond (FCPA) revisited the site to look at the hydrology at a dry time and found the stream flowing. Two additional visits were made upstream of the reach in August and October of 2004. During both visits, the stream was designated perennial.

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## Harrison Lane, Continued

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### Timeline

| Date     | Action                                 | Initials   |
|----------|--|------------|
| 4/21/03  | Site visited in response to dispute    | SC, DD     |
| 8/14/03  | Site Survey                            | CP, SW     |
| 11/6/03  | Planning Commission Meeting            |            |
| 11/17/03 | BOS Meeting                            |            |
| 12/1/03  | Revisited site to address BOS concerns | GE, DD, CL |
| 8/30/04  | QC Survey                              | GC, DD     |
| 10/12/04 | Final survey of stream                 | SC         |

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**Final Outcome**    1993 RPA is correct and will remain.

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## Harrison Lane, Continued

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### Images

The pictures below were taken on August 21, 2003 and April 21, 2003, respectively.



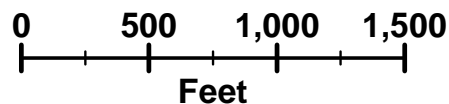
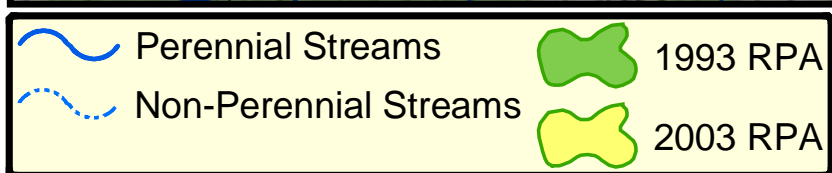
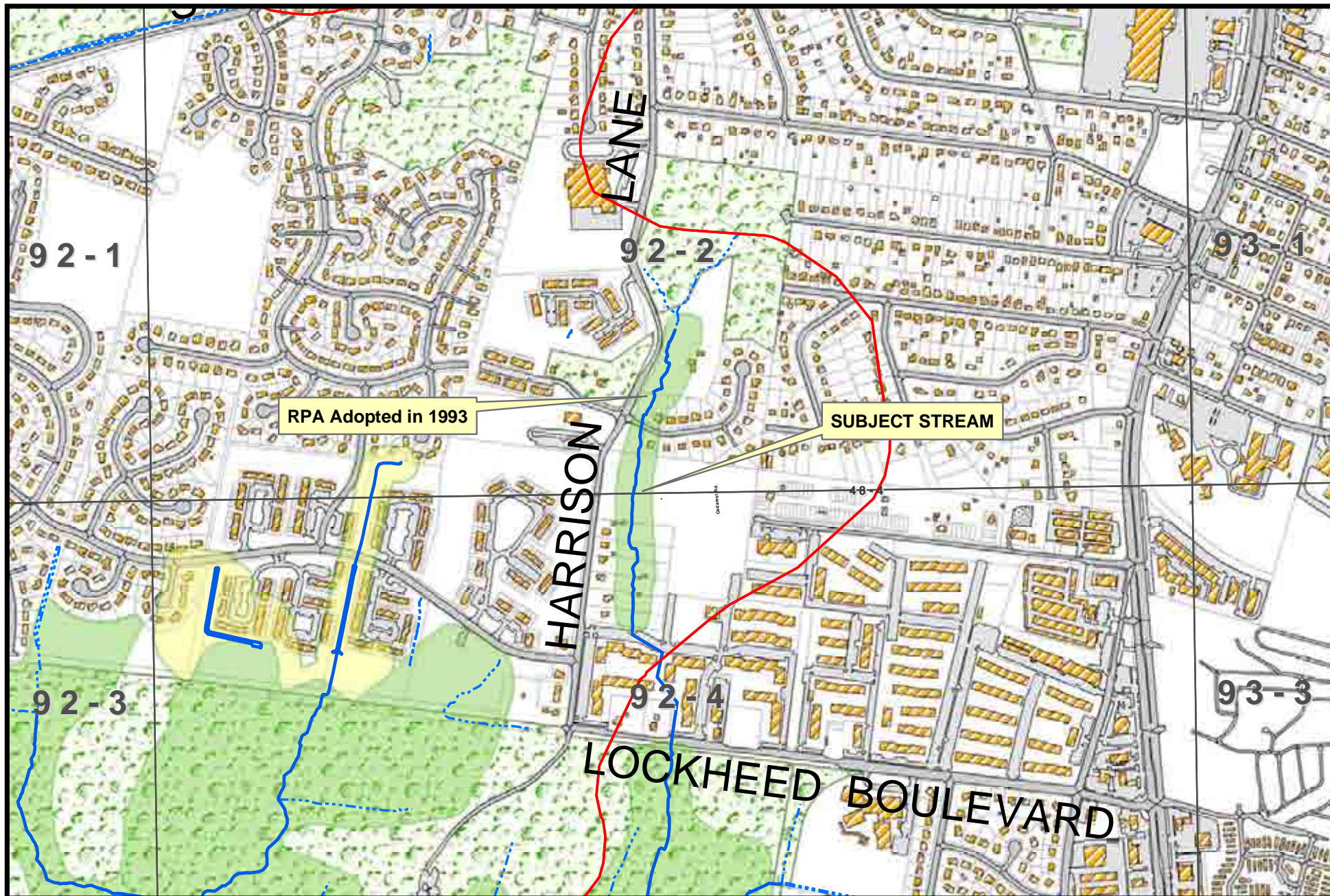
Picture taken looking upstream above Pollins Court.



Picture taken at the intersection of Harrison Lane and Pollins Court.

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Harrison Lane Property  
Stream: Headwater Tributary to Barnyard Run  
Watershed: Dogue Creek  
Lee District, Tax Maps - 92-2, 92-4